

CLAIMS

What is claimed is:

1. A sanding attachment, for use by a user having arms
5 having hands, in conjunction with an existing reciprocating
power tool having a coupling end into which a variety of
different attachments may be selectively fitted, said sanding
attachment for sanding rough surfaces of an existing object,
comprising an elongated strip of metal having:

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a top surface;

a bottom surface;

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an attachment end for selective attachment to the
coupling end of the power tool;

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a sanding end, the bottom surface of the sanding end
having a sanding strip for rapidly and efficiently abrading a
rough surface while the sanding attachment is being deployed;
and

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at least one bend, provided so that the attachment end
and the sanding end are substantially offset from one
another, thereby providing a sanding attachment which is
suitably configured for efficiently sanding a surface, after

it has been selectively attached to the power tool, and after the power tool is held within the hand or hands of the user.

2. The sanding attachment as recited in claim 1, wherein the
5 object to be sanded has a substantially horizontal surface, and wherein the at least one bend has an angle of curvature sufficient to ensure that the sanding end is substantially perpendicular to the attachment end, thereby ensuring maximally efficient sanding of the horizontal surface of the
10 object to be sanded, after the sanding attachment has been selectively attached to the power tool, and after the power tool is held within the hand or hands of the user and vertically lowered against the surface to be sanded.

15 3. The sanding attachment as recited in claim 2, having two bends, namely, a first bend more proximal to the attachment end than to the sanding end, and a second bend more proximal to the sanding end than to the attachment end, wherein the net result of the two bends is that the attachment end and
20 the sanding end are substantially mutually perpendicular to one another, thereby providing a sanding attachment which is suitably positioned for efficiently sanding a substantially horizontal surface, after the sanding attachment has been selectively attached to the power tool, and after the power
25 tool is held within the hand or hands of the user and vertically lowered against the surface to be sanded.

4. The sanding attachment as recited in claim 3, wherein the sanding strip is comprised of a substantially rectangular, flat piece of metal having a sanding surface.
- 5 5. The sanding attachment as recited in claim 4, wherein the sanding surface of the sanding strip has a plurality of small, raised protuberances for rapidly abrading a rough surface.
- 10 6. The sanding attachment as recited in claim 5, wherein the attachment end has a tab extending axially therefrom, said tab having a U-shaped slot for selectively engaging the coupling end of the power tool.
- 15 7. The sanding attachment as recited in claim 6, wherein the sanding strip is rigidly affixed to the bottom surface of the sanding end by an attachment method chosen from a group of attachment methods consisting of welding, the use of screws, and the use of rivets.
- 20 8. The sanding attachment as recited in claim 7, wherein the elongated strip of the sanding attachment is substantially rectangular.
- 25 9. The sanding attachment as recited in claim 8, wherein the sanding end has two opposing corners, each of which are rounded so as to prevent accidental injury to the user while

the sanding attachment is being deployed in conjunction with the power tool.

10. The sanding attachment as recited in claim 9, wherein the sanding attachment is constructed of a durable, resilient metal which will not crack even after being repeatedly used.

11. The sanding attachment as recited in claim 10, wherein the sanding attachment is constructed from stainless steel.

12. The sanding attachment as recited in claim 11, wherein the sanding strip is constructed of a durable metal.

13. The sanding attachment as recited in claim 12, wherein the sanding attachment is provided in a variety of shapes and sizes, in order that it may be suitably used for sanding a wide variety of surfaces.

14. A method of sanding a substantially horizontal, rough surface of an existing object by a user having arms having hands, using an existing reciprocating power tool having a coupling end into which a variety of attachments may be selectively fitted, using a sanding attachment having a top surface, a bottom surface, an attachment end, and a sanding end, the bottom surface of the sanding end having a sanding strip having an abrasive surface, the sanding attachment having at least one bend, said bend provided to substantially

offset the attachment end from the sanding end, said method comprising the steps of:

attaching the attachment end of the sanding attachment
5 by the user to the coupling end of the power tool;

holding the power tool in one or both hands of the user,
and thereby causing the sanding end to be substantially
horizontal;

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activating the power tool, thereby causing the sanding
attachment to move back-and-forth rapidly in a horizontal,
axial direction;

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vertically lowering the power tool by the user, and
thereby pressing the sanding strip onto the surface to be
sanded, thereby causing the abrasive surface of the sanding
strip to rapidly abrade the rough surface of the object to be
sanded;

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deactivating the power tool after the surface has been
smoothed by the sanding attachment;

removing the attachment end of the sanding attachment
25 from the coupling end of the power tool; and

storing the sanding attachment until once again needed.